

SEARCH INFO AS OF 04/1500Z

- 1 ARS acft in position
- 2 ARS acft enroute

ARS requested Kadena provide one KC-135 to fly a zig-zag pattern 30 NM each side of track from Kadena direct to 16-10N;129-30E.

Full scale search will be launched at daylight.

9 acft at daylight - each covering 60NM square area.

2 to 4 more acft later on.

1 Navy ship in search area.

4 ships will transit area on 5 June 68.

Areas to be covered:

- 1. 14-30N to 18-00N/128E to 130E
- 2. 15N to 17N/130-00E to 130-30E

Another KC-135 to zig-zag from Kadena to 19-00N.

Free Fall Vacuum - No Wind  
No Drag  
No Lift

$$\text{Altitude} = \frac{1}{2} g t^2$$

$$t = \sqrt{\frac{2 \times \text{altitude}}{g}}$$

$$= \sqrt{\frac{2 \times 70,000}{32.2}} = \sqrt{4350} = 66.0 \text{ secs}$$

$$V = \frac{s}{t} \quad \text{Mach 3.0} = 2913 \text{ ft/sec @ } 70,000 \text{ ft.}$$

$$S = Vt = 2913 \text{ ft/sec} \times 66.0 \text{ sec}$$

$$S = 192,000 \text{ ft.}$$

$$S = 36.5 \text{ mi.}$$

